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VISNET
Inclusion through collaborative technology

The past:

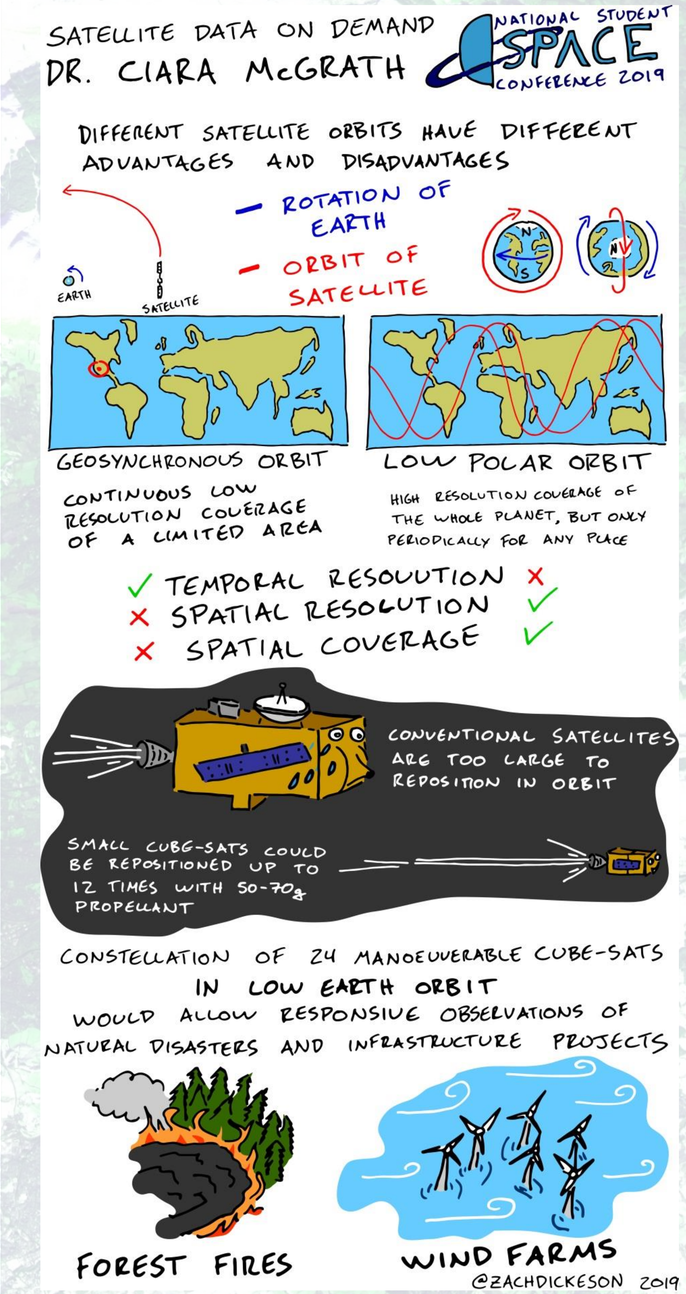
Spacecraft were **large, expensive and time-consuming** to build. Once in orbit, they would follow set paths around the Earth. When disaster struck, we had to **hope a spacecraft would pass overhead** in time to provide an image.

Today:

Spacecraft the size of shoeboxes are being built quickly and cheaply in the heart of Glasgow. This means we have **more spacecraft and more space data available** than ever before – but space is getting **crowded**!

The future:

Small spacecraft are light and agile and could be **manoeuvred** to provide coverage of urgent disasters, such as fires and storms, on demand. These responsive systems would let us have **on-demand data, without cluttering our space environment**. But, to enable this, we need to be able to **plan, orchestrate and operate manoeuvres across a constellation** of numerous spacecraft. *My work aims to enable this.*



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